

Title (en)

METHOD AND SYSTEM FOR IDENTIFYING MATCHING PACKETS

Title (de)

VERFAHREN UND SYSTEM ZUR IDENTIFIZIERUNG VON PASSENDEN PAKETEN

Title (fr)

PROCÉDÉ ET SYSTÈME POUR IDENTIFIER DES PAQUETS CONCORDANTS

Publication

EP 2915287 A4 20160525 (EN)

Application

EP 13850496 A 20131030

Priority

- US 201261720181 P 20121030
- US 2013067497 W 20131030

Abstract (en)

[origin: US2014119231A1] In a method of identifying matching packets at different locations in a network, a first plurality of packets is received at a first location in the network, and a first subset thereof is selected in accordance with a filter. A second plurality of packets is received at a second location in the network, and a second subset thereof is selected in accordance with the same filter. Each packet in the first and second subsets is parsed to extract invariant header fields from an outermost IP header inwards, until a minimal set of invariant header fields is obtained for that packet, or until it is determined that a minimal set is not obtainable for that packet. A packet signature is computed from the minimal set for each packet having a minimal set, and the packet signatures are compared to identify matching packets in the first and second subsets.

IPC 8 full level

H04L 12/26 (2006.01)

CPC (source: EP US)

H04L 43/022 (2013.01 - EP US); **H04L 43/026** (2013.01 - EP US); **H04L 43/028** (2013.01 - EP US); **H04L 43/0858** (2013.01 - US); **H04L 47/115** (2013.01 - EP US); **H04L 47/34** (2013.01 - EP US); **H04L 69/22** (2013.01 - US); **H04L 43/024** (2013.01 - EP US); **H04L 43/0852** (2013.01 - EP US); **H04L 47/24** (2013.01 - EP US)

Citation (search report)

- [X] EP 1130850 A2 20010905 - TEKTRONIX INC [US]
- [X] EP 2498445 A1 20120912 - COMCAST CABLE COMM LLC [US]
- [X] WO 0031963 A1 20000602 - NIKSUN INC [US], et al
- [A] WO 0101272 A2 20010104 - APPTITUDE INC [US], et al
- See references of WO 2014070883A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2014119231 A1 20140501; **US 9438517 B2 20160906**; EP 2915287 A2 20150909; EP 2915287 A4 20160525; EP 2915287 B1 20181205; US 2016373320 A1 20161222; US 9736039 B2 20170815; WO 2014070883 A2 20140508; WO 2014070883 A3 20140626

DOCDB simple family (application)

US 201314067656 A 20131030; EP 13850496 A 20131030; US 2013067497 W 20131030; US 201615255348 A 20160902